

Recovery Plan Action Status

Plan Name: Rough-leaved Loosestrife

Plan Status: Final

Plan Date: 19-Apr-95

Lead Agency: USFWS

Lead Office: Raleigh Ecological Services Field Office

(919)

856-4520)

| Species | Action Priority # | Action # | Action Description | Action Status | Est. Initiation Date | Est. Completion Date | Responsible Parties | Work Type | Labor Type | Action Comments |
|--|-------------------|----------|---|-----------------|----------------------|----------------------|--|------------------------------|--|--|
| Rough-leaved loosestrife (Lysimachia asperulaefolia) | 1 | 1 | Map, mark, and protect all sites | Ongoing Current | FY 1995 - FY 1999 | | State Conservation Agencies, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4 | Research: Population Surveys | Contract, Internal Field Assistance, Internal Technical Assistance, Species Expert | For all tasks with Responsible Parties: SCA - State plant conservation agencies of participating States. In North Carolina, these are the Plant Conservation Program (North Carolina Department of Agriculture) and the Natural Heritage Program (North Carolina Department of Environment, Health, and Natural Resources); in South Carolina, the Heritage Trust Program (South Carolina Department of Natural Resources) |
| Rough-leaved loosestrife (Lysimachia asperulaefolia) | 3 | 10 | Prepare survey maps and document searches that have been conducted | Ongoing Current | FY 1995 - FY 1999 | | State Conservation Agencies, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4 | Research: Population Surveys | Contract, Internal Field Assistance, Internal Technical Assistance, Species Expert | |
| Rough-leaved loosestrife (Lysimachia asperulaefolia) | 3 | 11 | Develop criteria for determining when a site could be removed from protection | Not Started | | | State Conservation Agencies, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4 | Management: Other | Labor type not yet selected | |
| Rough-leaved loosestrife (Lysimachia asperulaefolia) | 3 | 12 | Develop a methodology for determining when populations could be considered stable | Ongoing Current | FY 1995 - FY 1999 | | State Conservation Agencies, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4 | Research: Population Surveys | Internal Field Assistance, Internal Technical Assistance, Species Expert | |

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| Rough-leaved loosestrife (Lysimachia asperulaefolia) | 3 | 13 | Reintroduce the species into historic habitat | Ongoing Current | FY 1995 - FY 1999 | | State Conservation Agencies, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4 | Research: Reintroduction | Contract, Internal Field Assistance, Internal Technical Assistance, Species Expert | the NC Botanical Garden moved a population of rough-leaf loosestrife that was in the pathway of a NCDOT project. Plants were removed from the project area in February 2003 and planted at the reintroduction site in Feb/March 2004. |
| Rough-leaved loosestrife (Lysimachia asperulaefolia) | 3 | 14 | Conduct public information and education activities | Ongoing Current | FY 1995 - FY 1999 | | Center for Plant Conservation, State Conservation Agencies, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4 | Other: Information and Education | Internal Field Assistance, Internal Technical Assistance, Species Expert, Volunteer | |
| Rough-leaved loosestrife (Lysimachia asperulaefolia) | 3 | 15 | Annually review recovery efforts | Ongoing Current | FY 1995 - FY 1999 | | State Conservation Agencies, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4 | Other | Internal Field Assistance, Internal Technical Assistance | |
| Rough-leaved loosestrife (Lysimachia asperulaefolia) | 1 | 2 | Prepare a management plan for each population center, mapping each site and the habitat to be preserved | Ongoing Current | FY 1995 - FY 1999 | | State Conservation Agencies, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4 | Management: Habitat Maintenance and Manipulation | Contract, Internal Field Assistance, Internal Technical Assistance, Species Expert | |
| Rough-leaved loosestrife (Lysimachia asperulaefolia) | 1 | 3 | Identify threats at each site and monitor | Ongoing Current | | | State Conservation Agencies, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4 | Work type not yet selected | Internal Field Assistance, Internal Technical Assistance, Species Expert | |
| Rough-leaved loosestrife (Lysimachia asperulaefolia) | 1 | 4 | Implement habitat management plans | Ongoing Current | FY 1995 - FY 1999 | | State Conservation Agencies, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4 | Management: Habitat Maintenance and Manipulation | Internal Field Assistance, Internal Technical Assistance | |

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| Rough-leaved loosestrife (Lysimachia asperulaefolia) | 1 | 5 | Enforce laws protecting the species and its habitat | Ongoing Current | FY 1995 - FY 1999 | | State Conservation Agencies, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4 | Other: Law Enforcement | Internal Field Assistance, Internal Technical Assistance | |
| Rough-leaved loosestrife (Lysimachia asperulaefolia) | 1 | 6 | Negotiate binding management agreements | Not Started | FY 1995 - FY 1999 | | State Conservation Agencies, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4 | Management: General | Labor type not yet selected | Task duration: 3-5 years |
| Rough-leaved loosestrife (Lysimachia asperulaefolia) | 2 | 7 | Develop a monitoring plan | Complete | FY 1995 - FY 1999 | FY 2000 - FY 2004 | State Conservation Agencies, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4 | Research: Population Surveys | Contract, Internal Field Assistance, Internal Technical Assistance, Species Expert | Moni Bates (PCP) developed a monitoring protocol for a select group of populations. |
| Rough-leaved loosestrife (Lysimachia asperulaefolia) | 2 | 8 | Conduct research on habitat, fire frequency effects, seedling recruitment, genotype diversity, population dynamics, and reestablishment techniques | Ongoing Current | FY 1995 - FY 1999 | | State Conservation Agencies, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4 | Research: Habitat Requirements | Graduate Student, Internal Technical Assistance, Species Expert | Task duration: 3-5 years. Misty Franklin researched the reproductive biology of this species for her M.S. degree at NCSU. |
| Rough-leaved loosestrife (Lysimachia asperulaefolia) | 3 | 9 | Search for new populations | Ongoing Current | FY 1995 - FY 1999 | | State Conservation Agencies, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4 | Research: Population Surveys | Contract, Graduate Student, Internal Field Assistance, Internal Technical Assistance, Species Expert | |